

## Product datasheet for **MC216086**

### **Rnf25 (NM\_021313) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnf25 (NM_021313) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf25
Synonyms:	0610009H16Rik; AO7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216086 representing NM\_021313  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCGCTCTGCGTCGACAGCTGCTGGGAAGAGGACTGGTCTTCCCTCTGAAGTTGAAGTATTAG  
 AGTCTATCTATCTGGATGAGCTACAGGTGATGAAAGGGAATGGCAGATCACCATGGGAGATCTTTATCAC  
 TCTGCACCCTGCCACCGCAGAGGTCCAAGATTCGCAGTTTGTCTGCTTTACTCTGGTTCTTCGGATCCCA  
 GTCCAGTATCCCCACGAGGTTCCACAGATCTCCATCCGTAACCCTCGAGGACTTTCAGATGAGCAGATCC  
 ACAAGATCTCACAGGCCCTGGCCATGTGGCCAAGGAAGGACTAGGCACTGCCATGCTCTATGAAGTCTAT  
 TGAGAAAGGGAAGGAGATTCTCACGGATAACAACATTCCCATGGCCAGTGTGCATCTGCCTCTATGGT  
 TTCCAGGAGAAGGAGGCCTTTACAAAACACCCTGTTACCACTACTTCCACTGCCATTGCCTTGCCAGGT  
 ACATCCAGCACATGGAACAAGAGCTGACTACACAGGAACAGGAACAGGAGCGACAGCACGTTGTCACCAA  
 GCAGAAGGCAGTCGGTGTGCAGTGTCTGTGTGCAGGGAGCCCTTGTGTATGATCTTGCCTCGCTGAAA  
 GCAGCCCCTGAACCCCAACAACCCATGGAGCTGTACCAACCCAGTGCAGAGAGCTTGCGCCAACAGGAAG  
 AGCTCAAAGTGTGTATCAGAGGCAGCAGGAAAAGGGTGGTATCATTGACCTTGAGGCTGAACGGAACCG  
 ATACTTCATTAGCCTTCAGCAGCCTCCTGCTGCTTTGAGCCGGAGTCACTGTAGATGTCTCCAGAGAA  
 CCCCAGCCACCTAATGCCCTTTCTGCAGAACATCTACTTCCCTAGTGACCAATCAACTCTGCCAACTT  
 CTCTACCCATGACAACCCAGTATACGTATGAGAAGACTTCGGGGGCTGGGCCAAATCAACAGAGGCCGGG  
 TGAGACCCAGAAATCCGTGCTAGATCCTCCACGACATGGTCGTGGCTCCTGGCGACAGTATGATCGGAGG  
 CACCCAAAAGGAGGGGAGTGTGCACCCAAAAGGTACCAGTAAATCCATGAACTGCCACCTCCTGAGA  
 AGCCTCTCAAGGAGACTGTAGACTTAAAGGCAGAACCCCGTAACAAAAGGGCTCACAGGTCATCCTCAGGA  
 GAAGGGCCTGGTAGCTGGCAGGGCCCTCAGCTCGCAGGACTCGGGACTGTGCTCGCTGGGAACGCTCC  
 AAAAACCGTACACCGGGTCTTGTCTATCCACCTACCTCGGGGCCAGGGAGCATACCGGTCTGGTACTC  
 GCAGGGAGCCCTGGGCTTGAATCTGAGGAAGGTTCT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_021313

**Insert Size:** 1371 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
  5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM\\_021313.3](#), [NP\\_067288.2](#)

RefSeq Size: 1498 bp

RefSeq ORF: 1371 bp

Locus ID: 57751

UniProt ID: [Q9QZR0](#)

Cytogenetics: 1 C3

**Gene Summary:** E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of NKD2. Stimulates transcription mediated by NF-kappa-B (By similarity). [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).